

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for adjusting a bank note processing machine wherein threshold values of sensors are defined for recognizing bank notes unfit for circulation, comprising:

selecting at least one bank note fit for circulation, wherein the selection of the fit bank note is based at least in part on the lack of soil, damage, or alien elements;

selecting at least one bank note unfit for circulation, wherein the selection of the unfit bank note is based at least in part on the presence of soil, damage, or alien elements;

processing the selected bank notes by means of the bank note processing machine, whereby data of at least one sensor are stored; and

defining at least one threshold value for the at least one sensor by evaluating the stored data of the at least one sensor.

2. (Original) A method according to claim 1, characterized in that the definition of the at least one threshold value is effected by determining the threshold value.

3. (Original) A method according to claim 1, characterized in that the definition of the at least one threshold value is effected by selecting the threshold value from a multitude of given threshold values.
4. (Previously Presented) A method according to claim 1, characterized in that bank notes fit for circulation and those unfit for circulation are processed separately.
5. (Original) A method according to claim 4, characterized in that bank notes fit for circulation and those unfit for circulation are separated from each other by means of a separation card, the separation card being recognized during processing.
6. (Previously Presented) A method according to claim 1, characterized in that bank notes fit for circulation and those unfit for circulation are processed jointly.
7. (Previously Presented) A method according to claim 6, characterized in that at least one of the rate of the bank notes fit for circulation or the rate of those unfit for circulation is specified.
8. (Previously Presented) A method according to claim 1, characterized in that the

method is carried out for each kind of bank notes.

9. (Previously Presented) A method according to claim 1, characterized in that at least one further threshold value is defined for at least one of bank notes fit for circulation or those unfit for circulation.

10. (Original) A method according to claim 9, characterized in that the at least one further threshold value is defined for bank notes that are suitable for automatic cash dispensers.

11. (Previously Presented) A method according to claim 1, characterized in that the at least one threshold value is formed by a discriminant function.

12. (Previously Presented) A bank note processing machine for carrying out the method according to claim 1.